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SEQUENCE LISTING

```
<110> Sheppard, Paul O.
      Bishop, Paul D.
<120> Seleno-cysteine Containing Protein
<130> 00-87
<150> 60/256,676
<151> 2000-12-18
<160> 6
<170> FastSEO for Windows Version 4.0
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<212> DNA
<213> Agkistrodon piscivorus piscivorus
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<213> Agkistrodon piscivorus piscivorus
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<223> Xaa is selenocysteine.
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Gln Trp Leu Ala Arg Gly Lys Val Glu Ser Cys Gly Gly Xaa Arg Leu
Asn Arg Leu Pro Glu Val Lys Ala Phe Leu Asn Glu Asp Leu Pro Leu
                        55
    50
Tyr His Asn Met Asp Leu Lys Tyr Leu Ala Gly Ala Asp Pro Glu Leu
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                    70
65
Ile Leu Leu Asn Ile Gln Phe Glu Glu Leu Gln Arg Ile Pro Leu Ser
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Asp Met Ser Arg Glu Glu Ile Asn Gln Leu Met Gln Glu Leu
<210> 3
<211> 471
<212> DNA
<213> Artificial Sequence
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<223> This degenerate nucleotide sequence encodes the
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<221> variation
<222> (1) ... (471)
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garwsntgyg gnggnnnnmg nytnaaymgn ytnccngarg tnaargcntt yytnaaygar 180
gayytnccny tntaycayaa yatggayytn aartayytng cnggngcnga yccngarytn 240
athytnytna ayathcartt ygargarytn carmgnathc cnytnwsnga yatgwsnmgn 300
gargaratha aycarytnat gcargarytn ggnttytaym gnaargayac nccngaywsn 360
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<221> variation
<222> (5)...(14)
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<221> variation
<222> (15)...(16)
<223> N is A, T, G, C, or absent.
<221> variation
<222> (19)...(34)
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<221> variation
<222> (35)...(44)
<223> N is A, T, G, C, or absent.
<221> variation
<222> (45)...(45)
<223> N is A, T, G, or C.
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	<223> Selenocysteine insertion element.	
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•	<223> Selenocysteine insertion element.	
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